Amendments to the Claims

1. (Previously Presented) A method of operating a Remote Monitoring (RMON) management system, the method comprising:

generating and transmitting a first instruction for an RMON probe to request a first portion of RMON information;

receiving and storing the first portion of the RMON information in memory in the RMON management system;

generating and transmitting a second instruction for an RMON manager configured to access the RMON probe to request a second portion of the RMON information;

receiving and storing the second portion of the RMON information in the memory in the RMON management system;

generating and transmitting a third instruction for an RMON database configured to be accessed by the RMON manager to request a third portion of the RMON information; and

receiving and storing the third portion of the RMON information in memory in the RMON management system.

2. (Original) The method of claim 1 wherein the RMON information comprises datalink layer information.

3. (Original) The method of claim 1 wherein the RMON information comprises application layer information.

4. (Original) The method of claim 1 wherein the RMON information is based on a media access control address.

5. (Original) The method of claim 1 wherein the RMON information comprises a number of users.

6. (Original) The method of claim 1 wherein the RMON information comprises a number of bytes transmitted.

7. (Original) The method of claim 1 wherein the RMON information comprises download speed.

8. (Original) The method of claim 1 wherein the RMON information comprises bits per second.

9. (Previously Presented) A software product for managing a Remote Monitoring (RMON) system, the software product comprising:

RMON management software operational when executed by a processor to direct the processor to generate and transmit a first instruction for an RMON probe to request a first portion of RMON information, receive and store the first portion of the RMON information in memory in a performance management system, generate and transmit a second instruction for an RMON manager configured to access the RMON probe to request a second portion of the RMON information, receive and store the second portion of the RMON information in the memory in the performance management system, generate and transmit a third instruction for an RMON database configured to be accessed by the RMON manager to request a third portion of the RMON information, and receive and store the third portion of the RMON information in memory in the performance management system; and

a software storage medium operational to store the RMON management software.

10. (Original) The software product of claim 9 wherein the RMON information comprises datalink layer information.

11. (Original) The software product of claim 9 wherein the RMON information comprises application layer information.

12. (Original) The software product of claim 9 wherein the RMON information is based on a media access control address.

13. (Original) The software product of claim 9 wherein the RMON information comprises a number of users.

14. (Original) The software product of claim 9 wherein the RMON information comprises a number of bytes transmitted.

15. (Original) The software product of claim 9 wherein the RMON information comprises download speed.

16. (Original) The software product of claim 9 wherein the RMON information comprises bits per second.

17. (Previously Presented) A Remote Monitoring (RMON) management system, the RMON management system comprising:

a processor configured to generate and transmit a first instruction to request a first portion of RMON information, receive and store the first portion of the RMON information in memory in the RMON management system, generate and transmit a second instruction to request a second portion of the RMON information, receive and store the second portion of the RMON information in the memory in the RMON management system, generate and transmit a third instruction to request a third portion of the RMON information, and receive and store the third portion of the RMON information in memory in the RMON management system; and

an interface connected to the processor and configured to transfer the first instruction from the processor to an RMON probe, transfer the first portion of the RMON information from the RMON probe to the processor, transfer the second instruction from the processor to an RMON manager configured to access the RMON probe, transfer the second portion of the RMON information from the RMON manager to the processor, transfer a third instruction from the processor to an RMON database configured to be accessed by the RMON manager, and transfer the third portion of the RMON information from the RMON database to the processor.

18. (Original) The RMON management system of claim 17 wherein the RMON information comprises datalink layer information.

19. (Original) The RMON management system of claim 17 wherein the RMON information comprises application layer information.

20. (Original) The RMON management system of claim 17 wherein the RMON information is based on a media access control address.

21. (Original) The RMON management system of claim 17 wherein the RMON information comprises a number of users.

22. (Original) The RMON management system of claim 17 wherein the RMON information comprises a number of bytes transmitted.

23. (Original) The RMON management system of claim 17 wherein the RMON information comprises download speed.

24. (Original) The RMON management system of claim 17 wherein the RMON information comprises bits per second.